

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

GERARD BARRY
NORDINE CHEIKH
GANESH KISHORE

Serial No.:

Filed:

Confirmation No.:

For: Expression Of Fructose 1,6 Biphosphate
Aldolase In Transgenic Plants

§
§ Prior Group Art Unit: 1761
§
§ Prior Examiner: Keith Hendricks
§
§ Atty. Dkt. No.: MOBT:086—3
§ 11899.0086.CNUS03
§
§
§ Client File No.: 38-21(13512)E
§
§
§
§
§
§

INFORMATION DISCLOSURE STATEMENT

Box Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450.

CERTIFICATE OF EXPRESS MAILING

NUMBER: EV 3186 21860 US

DATE OF DEPOSIT: 11-11-2023

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Box Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313.


Signature

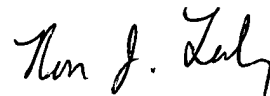
Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants respectfully request that this Information Disclosure Statement be entered and that the references listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the documents are not provided as they can be found in parent applications Ser. No. 10/164,204, filed June 6, 2002; and Ser. No. 09/098,219, filed June 16, 1998.

In accordance with 37 C.F.R. § 1.97(g), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information, as defined in 37 C.F.R. § 1.56, exists.

The present Information Disclosure Statement is being filed prior to the receipt of a first Office Action on the merits; and hence, is believed to be timely-filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement; however, if any fees are due, the Commissioner is authorized to deduct those fees from our Deposit Account No. 01-2508/11899.0086.CNUS03.

Respectfully submitted,



Ron J. Laby
Reg. No. 53,173
Agent for Assignee
MONSANTO TECHNOLOGY LLC

Howrey Simon Arnold & White, LLP
750 Bering Drive
Houston, TX 77057-2198
(713) 787-1400

Date: Nov. 11, 2003

Form PTO-1449 (modified)		Atty. Docket No. 11899.0086.CNUS03 (MOBT:086-3)	Serial No.
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Gerard F. Barry et al.	
		Filing Date:	Group:
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Pages 1-2</i>	

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if Appropriate
	A1						

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	90/10076	09/07/90	WIPO	C12N	15/82	No
	B2	91/19806	12/26/91	WIPO	C12N	15/82	No
	B3	96/24679	08/15/96	WIPO	C12N	15/82	No
	B4	96/21737	07/18/96	WIPO	C12N	15/55	No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Alefounder et al. (1989) "Cloning, sequence analysis and over-expression of the gene for the Class II fructose 1,6 biphosphate aldolase of <i>Escherichia coli</i> " <i>Biochem. J.</i> 257 :529-534.
	C2	Baldwin et al. (1978) "Purification and characterization of the Class II D-fructose 1,6 biphosphate aldolase from <i>Escherichia coli</i> (Crooke's Strain)" <i>Biochem. J.</i> 169 :633-641.
	C3	Sonnewald et al. (1994) "Manipulation of sink-source relations in transgenic plants" <i>Plant Cell and Environment</i> 17 :649-658.
	C4	Juan et al. "Over-expression of cytosolic fructose 1,6 biphosphatase in transgenic tobacco plants" <i>Plant Physiol.</i> 105 (1):118
	C5	Kossman et al. (1994) "Reduction of the chloroplastic fructose 1, 6 biphosphatase in transgenic potato plants impairs photosynthesis and plant growth" <i>The Plant Journal</i> 6 (5):637-650.
	C6	Scott et al. "Carbon metabolism in leaves of transgenic tobacco (<i>Nicotiana tabacum</i> L.) containing elevated fructose 2, 6 biphosphate levels" <i>The plant Journal</i> 7 (3):461-469.

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

Form PTO-1449 (modified)		Atty. Docket No. 11899.0086.CNUS03 (MOBT:086-3)	Serial No.
List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Gerard F. Barry et al.	
		Filing Date:	Group:
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Pages 1-2</i>	

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C7	Scott et al. (1995) "Influence of elevated fructose 2, 6 biphosphate levels on starch mobilization in transgenic tobacco leaves in the dark" <i>Plant Physiol.</i> 108 :1569-1577.
	C8	Zrenner et al. (1996) "Reduction of the cytosolic fructose 1, 6 biphosphatase in transgenic potato plants limits photosynthetic sucrose biosynthesis with no impact on plant growth and tuber yield" <i>The plant Journal</i> 9 (5):671-681.
	C9	Newell et al. (1991) "Agrobacterium-mediated transformation of <i>Solanum tuberosum</i> L. cv. 'Russet-Burbank'" <i>Plant Cell Report</i> 10 :30-34.
	C10	Smith et al. (1988) "Antisense RNA inhibition of polygalacturonase gene expression in transgenic tomatoes" <i>Nature</i> 334 (25):724-726
	C11	Alefounder et al. (1989) Accession number: X14436 X14682.
	C12	Hidaka et al. (1990) "Nucleotide sequence of the rice cytoplasmic aldolase cDNA" <i>Nucleic Acid Res.</i> 18 (13):3991-3999.

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)